Attorney's Docket No. 1032

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Kurozumi, et a	il .	Group Art Unit: \	Unassigned							
Application No	o.: Unassigned	Examiner: Unassigned								
Filed: Herewi	th)								
APPA AND S	AL DETECTION METHOD AND RATUS, RELEVANT PROGRAM, STORAGE MEDIUM STORING PROGRAM									
INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER										
Assistant Com Washington, D	missioner for Patents D.C. 20231									
Sir:										
	ed is an Information Disclosure Staten d patent application.	nent and accompanyin	g form PTO-1449 for the							
[X]	No additional fee for submission of a	an IDS is required.								
[]	The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.									
[]	A certification under 37 C.F.R. § 1.97(e) is also enclosed.									
[]	A certification under 37 C.F.R. § 1.	97(e), and the fee of \$	180.00 (126) as set forth							

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

A check in the amount of \$_____ is enclosed for the fee due.

Charge \$_____ to Deposit Account No. 02-4800 for the fee due.

in 37 C.F.R. § 1.17(p) are also enclosed.

Respectfully submitted,

Burns, Doane, Swecker & Mathis, L.L.P.

P.O. Box 1404 Alexandria, Virginia 22313-1404 (650)622-2300

In re Patent Application of

Date: April 24, 2001

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Robert E. Krebs Registration No. 25,885



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
KUROZUMI, et al.) Oroup Art Unit: Unassigned
Application No.: Unassigned	Examiner: Unassigned
Filed: Herewith))
For: SIGNAL DETECTION METHOD AND APPARATUS, RELEVANT PROGRAM, AND STORAGE MEDIUM STORING THE PROGRAM))))

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicant hereby submits the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

Accompanying this Disclosure Statement are duplicate copies of form PTO-1449. The Examiner is requested to consider the listed items and to return an initialed copy of the form to the Applicant. To assist the Examiner in entering the foregoing information into the record, copies of the listed documents are provided.

I, the undersigned, hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

The Examiner should be aware that the listed art was cited by the Japanese Patent Office in a search report relating to 2000-128381, from which priority is claimed.

Information Disclosure Statement Application Serial No. Unassigned Attorney's Docket No. 032590-092

Page 2

Since the prior art is in a foreign language, an English summary follows for T. Kurozumi, et al. and Japanese Patent No. 3,065,314.

T. Kurozumi, et al., "Quick Audio Searching for a Query Music Signal Received with Portable Phones":

An audio signal searching system employing a signal, as a search key, extracted from sounds existing in the surroundings by using a cellular phone is disclosed. In the disclosed method, feature vectors are extracted from both the searched signal and the search key, so as to generate histograms which are compared. Similarity between the searched signal and the search key is determined based on the compared results.

Japanese Patent No. 3,065,314:

An audio signal searching system for searching an audio signal for a signal portion similar to a reference signal is disclosed. In the disclosed method, features are extracted from both the searched signal and the reference signal, so as to generate feature time-series signals. Based on the feature time-series signals, histograms to be compared are generated. Similarity between the searched signal and the reference signal is determined based on the compared results.

The documents are being submitted within three months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:

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Date: April 24, 2001

SHEET 1 OF 1

INFO	RMATION	DISCLO	ATTORNEY'S DKT No. 032590-092		APPLICATION No. Unassigned		1080				
INFORMATION DISCLOSURE CITATION				APPLICANT Kurozumi, et al.			v.	108			
				FILING DATE		GROUP	ת	∞ ∄			
	PTO-1	Taribania	Herewith		Unassigned		6				
	PTO-1449 Herewith Unassigned U.S. PATENT DOCUMENTS										
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME C		CLASS	SUBCLASS	FILING	DATE			
	5,918,223	06/99	Blum et al.								
			<u> </u>								
		FOR	EIGN PATENT	DOCUMENTS	<u> </u>						
EXAMINER'S	T T T T						Trans	ation			
INITIALS	PATENT NO.	DATE		UNTRY	CLASS	SUBCLASS	Yes	No			
	3,065,314	00/5/12	JP								
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	OTHER DOC	UMENTS (Inc	cluding Author	, Title, Date, Perti	nent Pag	es, Etc.)					
	T. Kurozumi et al., "Quick Audio Searching for a Query Music Signal Received with Portable Phones", Proceedings of the 2001 IEICE general conference, D-12-57, P. 224, March 26, 2001.										
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EXAMINER	XAMINER DATE CONSIDERED										

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant.